

This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

COUNTRY	USSR	REPORT	50X1-HUM
SUBJECT	Soviet Publications on the Peaceful Use of Atomic Energy.	DATE DISTR.	25 October 1955
DATE OF INFO.		NO. OF PAGES	3
PLACE ACQUIRED		REQUIREMENT NO.	50X1-HUM
DATE ACQUIRED		REFERENCES	50X1-HUM

C-O-N-F-I-D-E-N-T-I-A-L

STATE	X	ARMY	X	NAVY	X	AIR	X	FBI	AEC	X				
-------	---	------	---	------	---	-----	---	-----	-----	---	--	--	--	--

(Note: Washington distribution indicated by "X"; Field distribution by "#").

INFORMATION REPORT INFORMATION REPORT

C-O-N-F-I-D-E-N-T-I-A-L

50X1-HUM

2

- k. Nuclear reactor for research with the aid of 2000 KBT temperature; 11 pages.
- l. Adaptation of radioactive isotopes for research in the functional biochemical brain; 19 pages; by A.V. PALLADIN and G.YE. VLADIMIROV.
- m. Investigation with the aid of the penetration of radioactive isotopes and residues of phosphorescent organic insecticides in crops; 2 copies, 36 pages; by K.A. GAP and R. YA. KIPIANI.
- n. Radiolistic oxidation of organic compounds; 22 pages; by Nataliya BAKH.
- o. Application of radioactive isotopes in chemical analysis; 32 pages; by I.P. ALIMARIN.
- p. Adaptation of tracers (A.E.) in the study of the mechanics of chemical reaction; 20 pages; by V.N. KONDRATEV.
- q. The influence of irradiation on the structure and property of construction materials; 12 pages; by S.T. KONOMEYEVSKIY, V.I. KUTAYTSEV, and N.F. PRAVDYUK.
- r. Experimental physical reactor with heavy water; 15 pages; by A.I. ALIKHANOV, V.V. VLADIMIRSKIY, S. YA. NIKITIN, A.D. GALANIN, S.A. GAVRILOV, and N.A. BURGOV.
- s. Mettalo - ceramics of thorium; 14 pages; by G.A. MEYERSON.
- t. Measuring of the overall neutron cross-sections of isotopes of uranium 233, uranium 235, and plutonium 239, using the method of oscillating beams, 11 pages.
- u. The application of radioactive isotopes in research of analytical chemistry, zircon, and hafnium (HF); 18 pages; by N.S. POLUYEKTOV.
- v. Technology in obtaining products from pure beryllium and beryllium oxide for their application in nuclear reactors; 9 pages.
- w. Spectrophotometer investigation of the behavior on the ions of ameritsiya (sic) in solutions; 15 pages; by G.N. YAKOVLEV and V.N. KOSYAKOV.
- x. Measuring the fission cross-sections and total cross-sections of certain isotopes of heavy elements with monochromatic neutrons generated in a mechanical selector; 22 pages; YU. V. ADAMCHUK, V.F. GERASTMOV, B.V. YEFIMOV, V.S. ZENKEVICH, V.I. MOSTOVOY, M.I. PEVZNER, A.P. TSITOVICH, and A.A. CHERNYUSHOV.
- y. Qualitative determination of impurities in metals of high refinement by means of radioactive analysis; 17 pages; by YU. V. YAKOVLEV.
- z. Tracers (A.E.) in the study of methods of introducing fertilizers; 21 pages; by V.M. KLECHKOVSKIY.
- aa. Diffusion of slow acting neutrons (A.E.) on ortho- and para-deuterons; 13 pages; by S. YA. NIKITIN, V.T. SMOLYANKIN, V.Z. KULGANOV, A.V. LEFEDOV, G.S. LOMKATSI.

C-O-N-F-I-D-E-N-T-I-A-L

C-O-N-F-I-D-E-N-T-I-A-L

50X1-HUM

3

- bb. Separation of hafnium from zircon and the obtaining of pure dioxide of zircon; 11 pages; by N.P. SAZHIN and YE.A. PEPELYAEVA.

50X1-HUM

C-O-N-F-I-D-E-N-T-I-A-L